

Recombinant Human SerpinB6/PI-6 Protein (His&Trx Tag)

Catalog No. PKSH033040

Note: Centrifuge before opening to ensure complete recovery of vial contents.

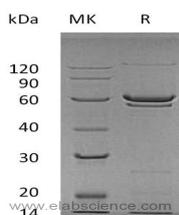
Description

Synonyms	Serpin B6; Cytoplasmic Antiproteinase; CAP; Peptidase Inhibitor 6; PI-6; Placental Thrombin Inhibitor; SERPINB6; PI6; PTI;PI-6;PTI;RP1-90J20.6;SPI3
Species	Human
Expression Host	E.coli
Sequence	Met 1-Pro376
Accession	P35237
Calculated Molecular Weight	60.7 kDa
Observed molecular weight	60 kDa
Tag	N-Trx & His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Reconstitution	Please refer to the printed manual for detailed information.

Data



Background

Serpin B6 belongs to the serpin family. Serpin B6 localizes to the cytoplasm. Serpin B6 is expressed in many tissues, abundantly by mast cells in different tissues and mastocytoma lesions. Serpin B6 may be involved in the regulation of serine proteinases present in the brain or extravasated from the blood. In addition, Serpin B6 may play an important role in the inner ear in the protection against leakage of lysosomal content during stress and loss of this protection results in cell death and sensorineural hearing loss.

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